

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jae-Ryong BUM

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For : HOST PROCESSING DEVICE USING EXTERNAL STORAGE MEDIUM

PRELIMINARY AMENDMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

Prior to the examination of the above-identified patent application on the merits, the Examiner is respectfully requested to amend the claims as follows:

IN THE CLAIMS

Please amend the claims as follows (a marked-up copy of the claim amendments is provided as an attachment to this Amendment):

6. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein the first file information of the media file includes descriptor information of the media file.

7. (Amended-Clean Text) The host processing device as set forth in claim 4, wherein, while the data of the selected media file provided to the signal processing

module are decoded, the processing module performs a media file preloading process in a background fashion with respect to the decoding process for the selected media file, the media file preloading process comprising the steps of:

- determining a media file to be processed after the selected media file;
- searching for the determined media file on the external storage medium based upon the first file information positioned on the system memory module; and
- loading data of the searched media file onto the system memory module.

8. (Amended-Clean Text) The host processing device as set forth in claim 4, wherein the medium access module is constructed to set an access mode thereof to an activated mode and a non-activated mode requiring low power consumption under a control of the processing module, and when the processing module accesses the external storage device, the processing module sets the access mode to the activated mode before the access and the access mode to the non-activated mode after the access.

9. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein, when the processing module reads data of the media file stored in the external storage medium, the processing module determines whether the media file has been secured through a security measure, if the media file has not been secured, searches for the data of the media file on the external storage medium according to a known file search method, and, if the media file has been secured,

obtains a first value regarding a physical location of the media file on the external storage medium from the second file information of the media file, obtains a second value corresponding to the first value according to a second transformation rule in which an inverse function F^{-1} with respect to a function F corresponding to a first transformation rule, which is used to secure the media file, exists, and searches for the data of the media file on the external storage medium based upon the second value.

11. (Amended-Clean Text) The host processing device as set forth in claim 3, further comprising an information sourcing module for sourcing a signal,

wherein the signal processing module further performs a process of encoding the input signal into media data according to a certain second signal processing method,

wherein, when the processing module receives an encoding command, the processing module transmits the signal provided from the information sourcing module to the signal processing module to be encoded into media data according to the second signal processing method, constructs a media file from the encoded media data and positions the media file on the system memory module, and copies the constructed media file to the external storage medium through the medium access module if the external storage medium can be accessed through the medium access module.

14. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein the digital transmission medium is a known USB medium, and the medium access module connects with the external storage medium through the USB medium and operates in a known host mode.

15. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein the digital transmission medium is a known IEEE1394 medium, and the medium access module connects with the external storage medium through the IEEE1394 medium and operates in known Serial Bus Protocol 2 initiator mode.

16. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein the external storage medium includes an independent external storage device.

17. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein the external storage medium includes a non-volatile memory module embedded in a mobile communication device, and the host processing module connects with the mobile communication device through the medium access module and accesses the memory module.

18. (Amended-Clean Text) The host processing device as set forth in claim 3, wherein the external storage medium includes a recording medium being read in a